

7
STAT

Analysis of the Economic Activity of Industrial

Enterprises; Table of Content

Analiz Khozyaystvennoy Deyatel'nosti Promyshlennyykh
Predpriyatiy, N. R. Veitsman, 1949.

STAT

RESTRICTEDSECURITY INFORMATION**CONTENTS**

	Page
Foreword	3
Part I Introduction	
Chapter I THE NATURE AND SIGNIFICANCE OF ANALYZING ECONOMIC ACTIVITY BY MEANS OF ACCOUNTING DATA.	
1. The control functions of accounting	5
2. The content and method of analyzing economic activity by means of accounting data	6
3. The formulation of conclusions and propositions from the results of the analysis	12
4. The emergence and development of analysis abroad and in the USSR	13
Chapter II THE PROCEDURE OF ANALYSIS	
5. The source of analysis	17
6. Analytical prerequisites of accounting	20
7. The verification of the accounting data under analysis	21
8. The employment of other than the accounting information in analysis	22
9. Comparison and its role in analysis	22
10. Processing the data figures in the course of analysis (analytical accounts)	26
11. The use of graphs in analysis	30

RESTRICTEDSECURITY INFORMATION

RESTRICTED

Part II Analysis of Production

Chapter III THE GENERAL ORIENTATION OF THE RESULTS OF PRODUCTION

12. The direction and the order of production 34
13. The accounts used in the production analysis 35
14. The concept of "general orientation" of the
production results 36
15. The characteristics of the fulfillment of the
production program according to volume and
designation..... 38
16. The characteristics of plan fulfillment
according to the assortment and the indices of
comparable and incomparable output 43
17. Characteristics of the regularity (ritmichnost)
of output 53
18. Determination of the timeliness of deliveries
to consumers 55
19. The characteristics of the plan fulfillment for
the production cost 56

Chapter IV ANALYSIS OF OUTPUT

20. The questions studied in the analysis of output .. 60
 - A. The analysis of the effect of labor factors on
output
21. Determining the degree to which extensive and intensive
labor activity affects the output 63
22. Analysis of the balance of labor time 66
23. Analysis of the effect of work stoppages on
output..... 68

RESTRICTED

RESTRICTED

Part II Analysis of Production

Chapter III THE GENERAL ORIENTATION OF THE RESULTS OF PRODUCTION

12. The direction and the order of production 34
13. The accounts used in the production analysis 35
14. The concept of "general orientation" of the
production results 36
15. The characteristics of the fulfillment of the
production program according to volume and
designation..... 38
16. The characteristics of plan fulfillment
according to the assortment and the indices of
comparable and incomparable output 43
17. Characteristics of the regularity (ritmichnost)
of output 53
18. Determination of the timeliness of deliveries
to consumers 55
19. The characteristics of the plan fulfillment for
the production cost 56

Chapter IV ANALYSIS OF OUTPUT

20. The questions studied in the analysis of output .. 60
 - A. The analysis of the effect of labor factors on
output
21. Determining the degree to which extensive and intensive
labor activity affects the output 63
22. Analysis of the balance of labor time 66
23. Analysis of the effect of work stoppages on
output..... 68

RESTRICTED

RESTRICTED

	Page
24. The employment of the norm hours method in the analysis of output	70
25. The effect of changes in the assortment of output on price indices	74
26. Analysis of the effect of labor productivity on output	75
27. The effect on output of labor competition and the qualifications of workers	79
28. The analysis of the effect on output of the organization and technology of production ...	84
29. Analysis of the effect on the volume of output of defective products	87
30. Analysis of the effect on output of conditions not directly associated with production	88
B. The effect on output of the utilization of equipment.	
31. Analysis of the effect on output of the placement into operation on schedule of equipment and the preparation of pro- duction	93
32. Analysis of the effect on output of the rate and the intensity of utilization of avail- able equipment (loading)	95
33. Analysis of the effect on output of the current and planned maintenance	99
C. The effect on output of material supply and the degree of ^{its} utilization in production .	
34. Analysis of the extent to which an enterprise is supplied with raw materials, supplies, fuel, and electric power	100

RESTRICTED

RESTRICTED

	Page
35. Analysis of the economy (or overexpenditure) of materials as a factor influencing output	104
36. The problem of overlapping factors arising during the analysis of the fulfillment of the production program	106

Chapter V COST ANALYSIS

37. A number of questions studied during cost analysis	108
38. Two methods of cost analysis: analysis of production expenditures and analysis of unit calculations	111
39. Effect on cost of changes in the assortment of output	112
40. Analysis of the changes in the structure of production expenditures	113
A. The effect on cost of wages and labor productivity.	
41. The wage fund and the volume of production ...	114
42. Analysis of the relation of the wage fund to the number of workers in an enterprise and changes in their wage rates	117
43. Analysis of wages within the limits of individual calculations	120
44. Ways of further expanding the analysis of the wage fund	121
45. Analysis of additional payments caused by the growth and improvements in labor productivity	124

RESTRICTED

RESTRICTED

Page

46. Analysis of other additional payments
resulting from the rate of production 126
47. Analysis of wages of the engineering
and technical workers and employees 127
48. Analysis of the effect on cost of compensation
paid for worker's lost time (payment during
work stoppage) 128
49. Analysis of the effect on cost of defects in
labor organization which reflect not in the
size of wages but in other items of pro-
duction expenditures 129
50. Analysis of the effect on cost of the total
volume of labor expended on production
(analysis of the relation of cost to the
volume of production) 130
- B. The effect on cost of expenditures connected
with the utilization of means of labor. [capital equipment;
e.g. machinery, etc.]
51. Analysis of the effect on cost of amortization
of the means of labor and expenditures for
their maintenance and repair 134
- C. The effect on cost of the size of material
expenditures.
52. Analysis of the effect on cost of price changes
for raw materials and supplies, allocation of
their consumption in production, and substitution
of one type of raw material for another (analysis
of "price", "norm", and "substitution" factors) 135

RESTRICTED

RESTRICTED

Page

53. Means of further analysis of "price and "norm"
factors 140
54. Analysis of fuel and electric power
expenditures 141
55. Analysis of the effect on cost of rejected
products and loss from waste..... 142
56. General characteristics of plan fulfillment
for the shop and the total plant expend-
itures 145
57. The problems of technical and economic
analysis of individual branches, its sources,
and trends 148

Part III Financial Analysis

Chapter VI ANALYSIS OF THE FULFILLMENT OF PRODUCTION AND THE
FINANCIAL RESULTS OF THE OPERATION OF AN ENTERPRISE

58. Problems of fulfillment and profit analysis ... 150
59. Analysis of factors which influence the degree
of fulfillment and its financial results 151
60. Analysis of profit and loss from other than
the fulfillment operations 156

Chapter VII ANALYSIS OF THE BALANCE OF AN ENTERPRISE

61. Problems of balance analysis and the procedure
for carrying out this work 158
62. The breakdown of the balance of an
industrial enterprise and its analytical
significance 161
63. The initial familiarization with the property
status of an enterprise from its balance
("reading" the balance) 161

RESTRICTED

RESTRICTED

	Page
64. Analysis of the intra balance relations of the horizontal and vertical entries (general characteristics)	167
65. Analysis of the method by which an enterprise handles its fixed capital and the disposition of profits received by it	172
66. Analysis of the degree to which an enterprise is supplied by its own working capital	173
67. Analysis of the utilization of the surplus working capital and means by which the shortage of funds is met	176
68. Analysis of the economic reasons for exceeding the working capital norm	179
69. Analysis of the relationship and the movement of debit and credit items	181
70. The correct allocation of funds issued for capital repair and construction	182 ²
71. Analysis of the solvency of an enterprise	183
72. Vertical balance analysis (active)	186
73. Vertical balance analysis (passive)	192
74. Analysis of the turnover of capital of an enterprise	196
75. Formula for the turnover of capital	202
76. Analysis of the movement of individual items in the turnover of capital	206
77. Analysis of the effect on the individual items of the balance of the quantitative and the qualitative production results	206

RESTRICTED

RESTRICTED

	Page
78. Balance analysis in the light of the future economic operations (perspective balance analysis)	213
79. Summing up the results of the balance analysis	214

- E N D -

RESTRICTED

-8-